GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:5154
ANSWERED ON:30.04.2008
ENERGY FROM FUSION TECHNOLOGY
Maadam Shri Vikrambhai Arjanbhai

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Government proposes to generate energy from fusion technology;

(b) if so, the details thereof; and

(c) the time by which it is likely to be implemented?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PRIME MINISTER`S OFFICE AND MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRI PRITHVIRAJ CHAVAN)

(a) &(b) R&D to demonstrate the technology of generation of energy from fusion is underway worldwide and the technology is yet to be established. India has a fusion research program of its own and recently, it joined International Thermonuclear Experimental Reactor (ITER) project as a partner along with China, European Union, Korea, Japan, Russia and USA which is being established at Cadarache, France.

(c) Since the technology is in R&D stage and yet to be established, time frame to make commercial use of the same cannot be predicted.